

**WHAT IS CLAIMED IS:**

1. A winch assembly comprising:
  - a chassis;
  - an electric motor mounted to the chassis;
  - a threaded rod rotationally coupled to the electric motor;

5 a winch spool, the winch spool being rotationally coupled with the electric motor, the winch spool being adapted to receive a cable therearound;

10 a trigger mechanism, the trigger mechanism being (i) threadably engaged with the threaded rod and (ii) adapted for linear movement along the threaded rod upon rotation of the threaded rod; and

15 at least one limit switch, the at least one limit switch being (i) electrically coupled to the electric motor, and (ii) mounted on the chassis generally proximate the threaded rod for activation by the trigger mechanism;  
wherein activation of the at least one limit switch by the trigger mechanism deactivates the electric motor and stops the rotational motion of the threaded rod and the winch spool.
2. The winch assembly of claim 1, wherein the at least one limit switch comprises first and second limit switches positioned opposite each other, the first limit switch being adapted to stop the electrical motor from rotating the threaded rod in a first direction when activated by the trigger mechanism, and the second limit switch being adapted to stop the electrical motor from rotating the threaded rod in a second direction when activated by the trigger mechanism, the first direction being opposite the second direction.
3. The winch assembly of claim 1, wherein the deactivation trigger comprises a plate.
- 25 4. The winch assembly of claim 1, wherein the motor is coupled to the winch spool through at least a worm gear assembly.
5. A foldable camper incorporating the winch assembly of claim 1.